



PATENT
Attorney Docket No. P06641US00
PHI 1843

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SEGEBART, Robert Lee
SERIAL NO: 10/769,577
FILED: January 30, 2004
TITLE: HYBRID MAIZE 33N56

Group Art Unit: 1638
Examiner:
Confirmation No:

INFORMATION DISCLOSURE STATEMENT
FILED WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant directs the Examiner's attention to the following patents and/or other documents which may be material to the examination of this application. References that are U.S. patents are not required to be submitted. Copies of the references are enclosed. The Examiner is urged to consider these documents and make them of record in this application. This submission is not intended to constitute an admission of any kind, and in particular is

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Lila A. T. Akrad

not an admission that any patent, or other document referred to herein constitutes a printed publication or is otherwise properly citable as prior art with respect to this application. No representation is made that a search has been conducted or that no more material information than that cited herein exists. Accordingly, this submission is not intended to take the place of the Examiner's own independent search of the art.

A list of the patents and/or other documents is set forth on the attached Form(s) PTO-SA08B and SB/08B.

A copy of each of these documents or translations or abstract as appropriate, is attached or will be forwarded as soon as it becomes available.

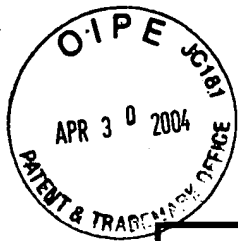
Respectfully submitted,
Robert Lee Segebart



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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/769,577
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	January 30, 2004
		First Named Inventor	SEGEBART, Robert Lee
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		Examiner Name	
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U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	4,812,599	03/14/1989	Segebart	
	2	5,347,081	09/13/1994	Martin	
	3	5,563,325	10/08/1996	Morrow	
	4	5,567,861	10/22/1996	Niebur	
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	6	5,859,354	01/12/1999	Williams	
	7	6,020,543	02/01/2000	Benson et al.	
	8	6,075,187	06/13/2000	Stucker	
	9	6,114,614	09/05/2000	Benson	
	10	6,121,520	09/19/2000	Stucker	
	11	6,124,532	09/26/2000	Carlone, Jr. et al.	
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	13	6,180,857 B1	01/30/2001	Carlone, Jr.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	14	EP 160390	11/06/1985	Stauffer Chemical Co.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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		Examiner Name	
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		Attorney Docket Number	P06641US00 - 1843

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	15	Plant Variety Protection Act, Certificate No. 9700214 for Corn, Field 'PH07D' issued 02/09/2001	
	16	Plant Variety Protection Act, Certificate No. 9700218 for Corn, Field 'PH09B' issued 10/27/2000	
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	22	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of <i>Zea Mays</i> ", <u>Plant Cell Reports</u> , 6:345-347	
	23	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous <i>Zea Mays</i> Genotypes", <u>Planta</u> , 165:322-332	
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	25	Fehr, Walt, Principles of Cultivar Development, pp. 261-286 (1987)	
	26	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", <u>Crop Science</u> , Vol. 15, pp. 417-421	
	27	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" <u>Maize for Biological Research</u> , pp. 367-372	
	28	Hallauer, A.R. et al. (1988) "Corn Breeding" <u>Corn and Corn Improvement</u> , No. 18, pp. 463-481	
	29	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", <u>The Maize Handbook</u> Ch. 65:423-432	
	30	Meghji, M.R., et al. (1984) "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", <u>Crop Science</u> , Vol. 24, pp. 545-549	
	31	Openshaw, S.J., et al. (1994) "Marker-assisted selection in backcross breeding". p. 41-43. In Proceedings of the Symposium Analysis of Molecular Marker Data. 5-7 August 1994. Corvallis, OR. American Society for Horticultural Science/Crop Science Society of America.	
	32	Phillips, et al. (1988) "Cell/Tissue Culture and In Vitro Manipulation", <u>Corn & Corn Improvement</u> , 3rd Ed., ASA Publication, No. 18, pp. 345-387	
	33	Poehlman et al (1995) <u>Breeding Field Crop</u> , 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344	

Substitute for form 1449B/PTO <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="text-align: center; font-size: 0.8em; margin-top: 5px;"> <i>(Use as many sheets as necessary)</i> </div>		<div style="text-align: right; font-weight: bold; font-size: 0.9em;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/769,577</td> </tr> <tr> <td>Filing Date</td> <td>January 30, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>SEGEBART, Robert Lee</td> </tr> <tr> <td>Group Art Unit</td> <td>1638</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>P06641US00 - 1843</td> </tr> </table>		Application Number	10/769,577	Filing Date	January 30, 2004	First Named Inventor	SEGEBART, Robert Lee	Group Art Unit	1638	Examiner Name		Attorney Docket Number	P06641US00 - 1843
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	34	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", <u>Maize Genetics Cooperative Newsletter</u> , No. 60, pp. 64-65													
	35	Sass, John F. (1977) "Morphology", <u>Corn & Corn Improvement</u> , ASA Publication, Madison, WI pp. 89-109													
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	41	Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus", <u>Theoretical and Applied Genetics</u> , 77:889-892, 1989													
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	45	Hoffbeck, Mark David, INBRED MAIZE LINE PH5W4, U.S. Serial No. 09/759,762 filed 01/12/2001													
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Examiner Signature			Date Considered												

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